

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
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Application Serial Number: 10/540,493  
Source: IFWP  
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IFWP

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/540,493

DATE: 06/05/2006  
TIME: 09:12:03

Input Set : A:\1169-036.APP  
Output Set: N:\CRF4\06052006\J540493.raw

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3 <110> APPLICANT: GIORGI, DOMINIQUE
4      SAFFIN, JEAN-MICHEL
5      ROUQUIER, SYLVIE
7 <120> TITLE OF INVENTION: NOVEL CENTROSOME-ASSOCIATED PROTEIN AND APPICATIONS
8      THEREOF
10 <130> FILE REFERENCE: 1169-036
12 <140> CURRENT APPLICATION NUMBER: 10/540,493
13 <141> CURRENT FILING DATE: 2005-06-24
15 <150> PRIOR APPLICATION NUMBER: PCT/FR03/003895
16 <151> PRIOR FILING DATE: 2003-12-24
18 <150> PRIOR APPLICATION NUMBER: FR 02 16648
19 <151> PRIOR FILING DATE: 2002-12-24
21 <160> NUMBER OF SEQ ID NOS: 53
23 <170> SOFTWARE: PatentIn Ver. 3.3
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 647
27 <212> TYPE: PRT
28 <213> ORGANISM: Homo sapiens
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38     35          40          45
40 Asp Ser Asp Glu Ile Val Ser Leu Gly Asp Phe Ser Asp Thr Ser Ala
41     50          55          60
43 Asp Glu Asn Ser Val Asn Lys Lys Met Asn Asp Phe His Ile Ser Asp
44   65          70          75          80
46 Asp Glu Glu Lys Asn Pro Ser Lys Leu Leu Phe Leu Lys Thr Asn Lys
47     85          90          95
49 Ser Asn Gly Asn Ile Thr Lys Asp Glu Pro Val Cys Ala Ile Lys Asn
50     100         105         110
52 Glu Glu Glu Met Ala Pro Asp Gly Cys Glu Asp Ile Val Val Lys Ser
53     115         120         125
55 Phe Ser Glu Ser Gln Asn Lys Asp Glu Glu Phe Glu Lys Asp Lys Ile
56     130         135         140
58 Lys Met Lys Pro Lys Pro Arg Ile Leu Ser Ile Lys Ser Thr Ser Ser
59   145         150         155         160
61 Ala Glu Asn Asn Ser Leu Asp Thr Asp Asp His Phe Lys Pro Ser Pro
62     165         170         175
64 Trp Pro Arg Ser Met Leu Lys Lys Ser His Met Glu Glu Lys Asp
65     180         185         190

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67 Gly Leu Glu Asp Lys Glu Thr Ala Leu Ser Glu Glu Leu Glu Leu His  
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 70 Ser Ala Pro Ser Ser Leu Pro Thr Pro Asn Gly Ile Gln Leu Glu Ala  
 71 210 215 220  
 73 Glu Lys Lys Ala Phe Ser Glu Asn Leu Asp Pro Glu Asp Ser Cys Leu  
 74 225 230 235 240  
 76 Thr Ser Leu Ala Ser Ser Ser Leu Lys Gln Ile Leu Gly Asp Ser Phe  
 77 245 250 255  
 79 Ser Pro Gly Ser Glu Gly Asn Ala Ser Gly Lys Asp Pro Asn Glu Glu  
 80 260 265 270  
 82 Ile Thr Glu Asn His Asn Ser Leu Lys Ser Asp Glu Asn Lys Glu Asn  
 83 275 280 285  
 85 Ser Phe Ser Ala Asp His Val Thr Thr Ala Val Glu Lys Ser Lys Glu  
 86 290 295 300  
 88 Ser Gln Val Thr Ala Asp Asp Leu Glu Glu Lys Ala Lys Ala Glu  
 89 305 310 315 320  
 91 Leu Ile Met Asp Asp Asp Arg Thr Val Asp Pro Leu Leu Ser Lys Ser  
 92 325 330 335  
 94 Gln Ser Ile Leu Ile Ser Thr Ser Ala Thr Ala Ser Ser Lys Lys Thr  
 95 340 345 350  
 97 Ile Glu Asp Arg Asn Ile Lys Asn Lys Ser Thr Asn Asn Arg Ala  
 98 355 360 365  
 100 Ser Ser Ala Ser Ala Arg Leu Met Thr Ser Glu Phe Leu Lys Lys Ser  
 101 370 375 380  
 103 Ser Ser Lys Arg Arg Thr Pro Ser Thr Thr Ser Ser His Tyr Leu  
 104 385 390 395 400  
 106 Gly Thr Leu Lys Val Leu Asp Gln Lys Pro Ser Gln Lys Gln Ser Ile  
 107 405 410 415  
 109 Glu Pro Asp Arg Ala Asp Asn Ile Arg Ala Ala Val Tyr Gln Glu Trp  
 110 420 425 430  
 112 Leu Glu Lys Lys Asn Val Tyr Leu His Glu Met His Arg Ile Lys Arg  
 113 435 440 445  
 115 Ile Glu Ser Glu Asn Leu Arg Ile Gln Asn Glu Gln Lys Lys Ala Ala  
 116 450 455 460  
 118 Lys Arg Glu Glu Ala Leu Ala Ser Phe Glu Ala Trp Lys Ala Met Lys  
 119 465 470 475 480  
 121 Glu Lys Glu Ala Lys Lys Ile Ala Ala Lys Lys Arg Leu Glu Glu Lys  
 122 485 490 495  
 124 Asn Lys Lys Lys Thr Glu Glu Asn Ala Ala Arg Lys Gly Glu Ala  
 125 500 505 510  
 127 Leu Gln Ala Phe Glu Lys Trp Lys Glu Lys Lys Met Glu Tyr Leu Lys  
 128 515 520 525  
 130 Glu Lys Asn Arg Lys Glu Arg Glu Tyr Glu Arg Ala Lys Lys Gln Lys  
 131 530 535 540  
 133 Glu Glu Glu Thr Val Ala Glu Lys Lys Lys Asp Asn Leu Thr Ala Val  
 134 545 550 555 560  
 136 Glu Lys Trp Asn Glu Lys Lys Glu Ala Phe Phe Lys Gln Lys Lys Lys  
 137 565 570 575  
 139 Glu Lys Ile Asn Glu Lys Arg Lys Glu Glu Leu Lys Arg Ala Glu Lys

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 143               595               600               605  
 145 Asn Lys Glu Lys Gln Glu Arg Ile Glu Arg Lys Gln Lys Lys Arg His  
 146               610               615               620  
 148 Ser Phe Leu Glu Ser Glu Ala Leu Pro Pro Trp Ser Pro Pro Ser Arg  
 149 625               630               635               640  
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 169 <211> LENGTH: 28  
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 191               20               25               30  
 193 Pro Ser Lys Leu Leu Phe Leu Lys Thr Asn Lys Ser Asn Gly Asn Ile  
 194               35               40               45  
 196 Thr Lys Asp Glu Pro Val Cys Ala Ile Lys Asn Glu Glu Glu Met Ala  
 197               50               55               60  
 199 Pro Asp Gly Cys Glu Asp Ile Val Val Lys Ser Phe Ser Glu Ser Gln  
 200     65               70               75               80  
 202 Asn Lys Asp Glu Glu Phe Glu Lys Asp Lys Ile Lys Met Lys Pro Lys  
 203               85               90               95  
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 209 <210> SEQ ID NO: 5  
 210 <211> LENGTH: 76  
 211 <212> TYPE: PRT

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218 Trp Pro Arg Ser Met Leu Lys Lys Ser His Met Glu Glu Lys Asp  
219 20 25 30  
221 Gly Leu Glu Asp Lys Glu Thr Ala Leu Ser Glu Glu Leu Glu Leu His  
222 35 40 45  
224 Ser Ala Pro Ser Ser Leu Pro Thr Pro Asn Gly Ile Gln Leu Glu Ala  
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227 Glu Lys Lys Ala Phe Ser Glu Asn Leu Asp Pro Glu  
228 65 70 75  
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232 <211> LENGTH: 31  
233 <212> TYPE: PRT  
234 <213> ORGANISM: Homo sapiens  
236 <400> SEQUENCE: 6  
237 Asp Ser Cys Leu Thr Ser Leu Ala Ser Ser Ser Leu Lys Gln Ile Leu  
238 1 5 10 15  
240 Gly Asp Ser Phe Ser Pro Gly Ser Glu Gly Asn Ala Ser Gly Lys  
241 20 25 30  
244 <210> SEQ ID NO: 7  
245 <211> LENGTH: 83  
246 <212> TYPE: PRT  
247 <213> ORGANISM: Homo sapiens  
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251 1 5 10 15  
253 Glu Asn Lys Glu Asn Ser Phe Ser Ala Asp His Val Thr Thr Ala Val  
254 20 25 30  
256 Glu Lys Ser Lys Glu Ser Gln Val Thr Ala Asp Asp Leu Glu Glu Glu  
257 35 40 45  
259 Lys Ala Lys Ala Glu Leu Ile Met Asp Asp Asp Arg Thr Val Asp Pro  
260 50 55 60  
262 Leu Leu Ser Lys Ser Gln Ser Ile Leu Ile Ser Thr Ser Ala Thr Ala  
263 65 70 75 80  
265 Ser Ser Lys  
269 <210> SEQ ID NO: 8  
270 <211> LENGTH: 24  
271 <212> TYPE: PRT  
272 <213> ORGANISM: Homo sapiens  
274 <400> SEQUENCE: 8  
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276 1 5 10 15  
278 Arg Ala Ser Ser Ala Ser Ala Arg  
279 20  
282 <210> SEQ ID NO: 9  
283 <211> LENGTH: 54  
284 <212> TYPE: PRT

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285 <213> ORGANISM: Homo sapiens  
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291 Pro Ser Thr Thr Ser Ser His Tyr Leu Gly Thr Leu Lys Val Leu  
292 20 25 30  
294 Asp Gln Lys Pro Ser Gln Lys Gln Ser Ile Glu Pro Asp Arg Ala Asp  
295 35 40 45  
297 Asn Ile Arg Ala Ala Val  
298 50  
301 <210> SEQ ID NO: 10  
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304 <213> ORGANISM: Homo sapiens  
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308 1 5 10 15  
310 Arg Ile Lys Arg Ile Glu Ser Glu Asn Leu Arg Ile Gln Asn Glu Gln  
311 20 25 30  
317 <210> SEQ ID NO: 11  
318 <211> LENGTH: 54  
319 <212> TYPE: PRT  
320 <213> ORGANISM: Homo sapiens  
322 <400> SEQUENCE: 11  
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324 1 5 10 15  
326 Lys Ala Met Lys Glu Lys Glu Ala Lys Lys Ile Ala Ala Lys Lys Arg  
327 20 25 30  
329 Leu Glu Glu Lys Asn Lys Lys Lys Thr Glu Glu Glu Asn Ala Ala Arg  
330 35 40 45  
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338 <212> TYPE: PRT  
339 <213> ORGANISM: Homo sapiens  
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343 1 5 10 15  
345 Asn Arg Lys Glu Arg Glu Tyr Glu Arg Ala Lys Lys Gln Lys Glu Glu  
346 20 25 30  
348 Glu Thr Val Ala Glu Lys Lys Lys Asp Asn Leu Thr Ala Val Glu Lys  
349 35 40 45  
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355 <210> SEQ ID NO: 13  
356 <211> LENGTH: 43  
357 <212> TYPE: PRT  
358 <213> ORGANISM: Homo sapiens  
360 <400> SEQUENCE: 13

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/540,493

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